

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): UEMURA

Appln. No.: 09

Series Code ↑

828,159

Serial No. ↑

Filed: April 9, 2001

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

REPLY/AMENDMENT/LETTER

Group Art Unit: 2815

Examiner: Lee, Eugene

Atty. Dkt. P 280087

T36-133137M/KOH

M#

Client Ref

Appln. Title: LIGHT-EMITTING APPARATUS

Date: August 23, 2002

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim

- A. ☒ NOT made
B. ☐ Withdrawn
C. ☐ made herewith
D. ☐ made previously

For B & C
See **Required
Separate Paper**
(Pat-256)

| Claims remaining after amendment | Highest number previously paid for | Present Extra | Large/Small Entity | Additional Fee | Fee Code Lg/Sm |
|---|------------------------------------|---|--------------------|--|---|
| 2. Total Effective Claims | 12 | **minus 20 | 0 | x \$18/\$9 = + \$0 | 103/203 |
| 3. Independent Claims | 3 | ***minus 3 | 0 | x \$84/\$42 = + \$0 | 102/202 |
| 4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) add | | | | + \$280/\$140 = + \$0 | 104/204 |
| 5. Original due Date: August 29, 2002 | | <input type="checkbox"/> NONE | | | |
| 6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached | | (1 mo) \$110/\$55 = (2 mos) \$400/\$200 = (3 mos) \$920/\$460 = (4 mos) \$1,440/\$720 = (5 mos) \$1,960/\$980 = | + \$0 | | 115/215 116/216 117/217 118/218 128/228 |
| 7. Enter any previous extension fee paid since above original due date and subtract | | | | - \$0 | |
| 8. Extension Fee | | | | + \$0 | |
| 9. If Terminal Disclaimer attached, add Rule 20(d) official fee | | | | + \$110/\$55 | + \$0 148/248 |
| 10. If IDS attached requires Official Fee under Rule 97 (c), add | | | | + \$180 | 126 |
| or if Rule 97(d) Request add | | | | + \$180 | 126 |
| 11. After-Final Request Fee per rules 129(a) and 17(r) | | | | + \$740/370 | + \$0 146/246 |
| 12. No. of additional inventions for examination per Rule 129(b) | | | | x \$740/370 ea | + \$0 149/249 |
| 13. Request for Continued Examination (RCE) | | | | + \$740/370 | + \$0 1179/1279 |
| 14. Petition fee for | | | | + \$0 | |
| 15. TOTAL FEE = | | | | \$0 | |
| 16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0". | | | | | |
| 17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space. | | | | | |
| 18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space. | | | | | |
| | | | | PLEASE CHARGE OUR DEP. ACCT | |

Our Deposit Account No. 03-3975)

(Our Order No. 51273 280087

C#

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP
Intellectual Property Group

By Atty: John P. Darling

Sig:

Reg. No. 44,482

Fax: (703) 905-2500

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P.O. Box 10500

McLean, VA 22102

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Atty/Sec: JPD/tmt

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



REPLY UNDER 37 C.F.R. §1.116
EXPEDITED PROCEDURE
TECHNOLOGY CENTER ART UNIT 2815

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

Toshiya UEMURA

Appln. No.: 09/828,159

Filed: April 9, 2001

FOR: LIGHT-EMITTING APPARATUS

Confirmation No.: 7726

Group Art Unit: 2815

Examiner: Lee, Eugene

* * * *

August 23, 2002

AMENDMENT AFTER FINAL REJECTION UNDER 37 C.F.R. §1.116

Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

In reply to the Office Action dated May 29, 2002, kindly enter the following
amendment and remarks.

IN THE CLAIMS

Please enter amended claims 14, 19 and 21 as follows:

14. (Twice amended) A semiconductor light-emitting apparatus of flip chip
bonding type, comprising:

a transparent base made of an inorganic material, which has on one side
thereof a first bonding pad and a second bonding pad to be connected to a pair of lead frames
with a space between the first and the second bonding pads where a semiconductor light-
emitting element is fixed, the light-emitting element including a substrate and a positive